

## 橐吾属一新种\*

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## A NEW SPECIES OF *LIGULARIA* FROM SICHUAN, CHINA

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**关键词** 橐吾属; 什邡橐吾

什邡橐吾 土紫菀 新种 图 1

*Ligularia shifangensis* G. H. Chen et W. J. Zhang, sp. nov.

Species affinis *L. tenuipii* (Franch.) Diels, sed folio basilari fasciculato inferioraque breviter petiolari, 2~4 cm longo, illa caulino sessili; lamina late obovato, ovato vel oblongo, minore, 6~11 cm longo, 2~8 mm, lato, apice obtuso vel acuto, basi lato-cuneato. utrinque dense breviter fulvo-pubescento et sparso albo-piloso, Calathidiis racemosis dispositis, 8 cm longis, libero. Involucris lato-campanulatis circ. 6 mm longis, circ. 8 mm latis; phyllis 10~14, Flosculis radiatis ligulatis 10~14, ligulis oblongis circ. 7 mm longis, circ. 2.5 mm latis differt.

Herba perennis. Radices tenues, leviter carnosulae, sparsim pubescentes. Caulis erectus, tenuis, 30~60 cm altus, cum inflorescentiis dense fulvo-pubescentis et albo-pilosus, basi 3~6 mm crassus, fibris petiolorum marcidorum vestitus. Folia basilaria fasciculata caulina inferioraque breviter petiolata; petioli 2~4 cm longi, alato, basi ampliati, vaginati; folia caulina sessilia vaginata, semiamplexicaulia; laminae late obovatae, ovatae vel oblongae, 6~11 cm, longae, 2~8 cm latae, apice obtusae vel acutae, margine serratae, basi late cuneatae, utrinque dense breviter fulvo-pubescentes et sparsim albo-pilosae; nervis pinnatis, lateralibus, utrinque prominentibus Calathidia 9~14, 1.5~2 cm diam., in racemum 8 cm longum laxum, basi subramosis, liberis. Pedunculi 2~4 cm longi. Bractae lanceolatae 1.5~2 cm longae, 0.2 cm latae. Bracteolae lineares, circ. 1 cm longae. Involucrum late campanulatum, circ. 6 mm longum, circ. 8 mm latum. Phylla 10~14, biseriata,

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lanceolata, 6 mm longa, 1.5 mm lata, fusca, apice acuta, margine membranacea, albo-pubescentia, dorso demse fulvo-pubescentia, Flosculi radii ligulati 10~14, flavi, ligulae oblongae, circ. 7 mm longae, 2.5 mm latae, apice 2~3-dentatae, tubis circ. 2 mm longis, Flosculi disci tubulati, numerosi, brunnei, circ. 6 mm longi, pappus flavus, corolla flosculi disci paulo brevior. Achaenia ematura, laevia.

**Sinchuan**(四川): Shifang(什坊), alt. 3650 m, 1997-07-18, Huang Maoshou *et al.* 79-813 (holotypus, in Chengdu Second Institute for Drug Control; isotypus, PE); same locality, 79-707, 79-708; Pengzhou, alt. 3200 m, 1984-07-03, Exped. Pl. Med. Chengdu 84-54. (cons. reg. ib.)

四川植物志



图1. 什坊橐吾

Fig.1 *Ligularia shifangensis*

多年生草本。根稍带肉质, 较细, 疏被短柔毛, 茎细瘦, 直立, 高 30~60 cm, 连同花序密被黄褐色短柔毛夹疏的白色柔毛, 基部直径 3~6 mm, 被褐色枯叶柄纤维包围。丛生叶及茎基部叶具短柄, 柄长 2~4 cm, 有翅、基部扩大成鞘状, 茎中上部叶不具柄而半抱茎; 叶片倒宽卵形, 卵形或长圆形, 长

6~11 cm, 宽 2~8 cm, 先端钝或急尖, 边缘有小齿, 基部宽楔形, 两面密被黄褐色短柔毛夹疏长白色柔毛; 叶脉羽状, 侧脉网状, 在两面均突起。头状花序 9~14 个, 辐射状, 直径 1.5~2 cm, 排列成长 8 cm、疏离的总状花序。花序梗长 2~4 cm, 苞片披针形, 长 1.5~2 cm, 宽 0.2 cm; 小苞片线形, 长约 1 cm; 总苞宽钟形, 长约 6 mm, 宽 8 mm; 总苞片 10~14, 2 层, 披针形, 长 6 mm, 宽 1.5 mm, 暗棕色, 先端骤尖, 边缘膜质, 具白色柔毛, 背部密被黄褐色短柔毛。边缘小花舌状, 10~14, 黄色, 舌片长圆形, 长约 7 mm, 宽约 2.5 mm, 先端具 2~3 齿, 管部长约 2 mm; 中央为管状花, 多数, 暗黄毛, 长约 6 mm, 冠毛淡黄色, 比花冠稍短。瘦果(未熟), 光滑。

本种与簇梗橐吾 *Ligularia tenuipies* (Franch.) Diels 相近, 但丛生叶及茎基部叶具短柄, 柄长 2~4 cm, 茎中部以上的叶不具柄; 叶片倒宽卵形, 卵形或长圆形。较小, 长 6~11 cm, 宽 2~8 cm; 先端钝或急尖, 基部宽楔形, 两面密被黄褐色短柔毛夹疏长白色柔毛。头状花序排列成总状花序, 长 8 cm, 疏离。总苞宽钟形, 长约 6 mm, 宽约 8 mm, 总苞片 10~14, 舌状花 10~14, 舌片长圆形, 长约 7 mm, 宽 2.5 mm 而不同。